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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Klaus H. SCHUG

Serial No.: 10/045,692

Group Art Unit: 2153

Filed: 10/19/2001

Examiner: Not Yet Assigned

For: INTEROPERABLE NETWORK COMMUNICATION ARCHITECTURE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Va 22313-1450

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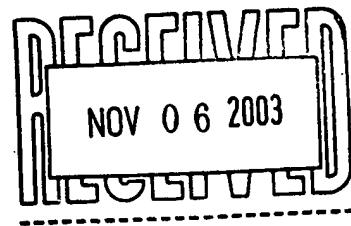
NOV 05 2003

Technology Center 2100

Dear Sir:

Enclosed please find the following:

1. Information Disclosure Statement;
2. Form PTO/SB/08 (2 sheets)



The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to Deposit Account No. 18-1579. The Commissioner is also authorized to charge Deposit Account No. 18-1579 for any future fees connected in any way to this application. Two copies of this letter are enclosed.

Respectfully submitted,

Christopher B. Kilner, Esq.  
Registration No. 45,381  
Roberts Abokhair & Mardula, LLC  
11800 Sunrise Valley Drive, Suite 1000  
Reston, Virginia 20191  
(703) 391-2900



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INFORMATION DISCLOSURE STATEMENT RECEIVED  
PURSUANT TO 37 CFR 1.97  
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NOV 05 2003

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Va 22313-1450

Dear Sir:

In accordance with 37 CFR § 1.56, Applicant hereby submits the following Information Disclosure Statement. The form PTO/SB/08A submitted, lists references which Applicant thinks may be relevant. These documents are not necessarily analogous art. It is respectfully requested that these documents be considered by the Examiner, and that the Examiner indicate consideration of the cited references by returning copies of the attached form PTO/SB/08A with initials or other appropriate marks affixed. Copies of references are not enclosed since they were forwarded to the PTO with the Information Disclosure Statement and Supplemental Information Disclosure Statement of the parent application (08/972,157).

Respectfully submitted,

Christopher B. Kilner., Esq.  
Registration No. 45,381  
Roberts Abokhair & Mardula, LLC  
11800 Sunrise Valley Drive, Suite 1000  
Reston, Virginia 20191  
(703) 391-2900



OCT 31 2003

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Complet if Known	
Application Number	10/045,692
Filing Date	10/19/2001
First Named Inventor	Klaus H. SCHUG
Art Unit	2153
Examiner Name	Not Yet Assigned
Attorney Docket Number	2298-001CIP

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## **U. S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	10	EP 0 790 564 A2	08/20/97			
	11	EP 0 707 266 A1	4/17/96			

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
				<b>Application Number</b>	10/045,692
				<b>Filing Date</b>	10/19/2001
				<b>First Named Inventor</b>	Klaus H. SCHUG
				<b>Art Unit</b>	2153
				<b>Examiner Name</b>	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	2298-001CIP

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	12	NEGISHI Y ET AL. "A PORTABLE COMMUNICATION SYSTEM FOR VIDEO ON DEMAND APPLICATIONS USING THE EXISTING INFRASTRUCTURE" PROCEEDINGS IF IEEE INFOCOM 1996, CONFERENCE ON COMPUTER COMMUNICATIONS, FIFTEENTH ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETY. NETWORKING THE NEXT GENERATION. SAN FRANCISCO, MAR. 24 - 28, 1996, VOL. 1. NO CONF. 15, MARCH 24, 1996, PP 18-26 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS				
	13	O'BRYAN J ET AL, "XNS - X.25, COMMUNICATIONS GATEWAY" 21ST CENTURY MILITARY COMMUNICATIONS - WHAT'S POSSIBLE?, SAN DIEGO, OCT. 23-26, 1988 PP. 1057-1061 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS				
	14	"TRANSMISSION CONTROL PROTOCOL/INTERNET PROTOCOL CHECKSUM IMPROVEMENT FOR AIX3.2 UNDER RISC SYSTEM/6000" IBM TECHNICAL DISCLOSURE BULLETIN. VOL. 37, NO. 2A, FEBRUARY 1, 1994. PP. 253-256				
	15	EICKEN VON T ET AL: "U-NET : A USER-LEVEL NETWORK INTERFACE FOR PARALLEL AND DISTRIBUTED COMPUTING" OPERATING SYSTEM REVIEW VOL. 29 NO. 5 1, DECEMBER 1995, PP. 40-53				
	16	BURD D: "ZERO-COPY INTERFACING TO TCP/IP", DR. DOBB'S JOURNAL, VOL. 20 NO. 9 SEPTEMBER 1995 PP. 68,70,72,74,76,78,106,108-110				
	17	DRUSCHEL P: "OPERATING SYSTEM SUPPORT FOR HIGH SPEED COMMUNICATION" COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY, VOL. 39, NO.9, SEPTEMBER 1996 PP. 41-51				
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Examiner Signature	Date Considered
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